

PATENT ABSTRACTS OF JAPAN

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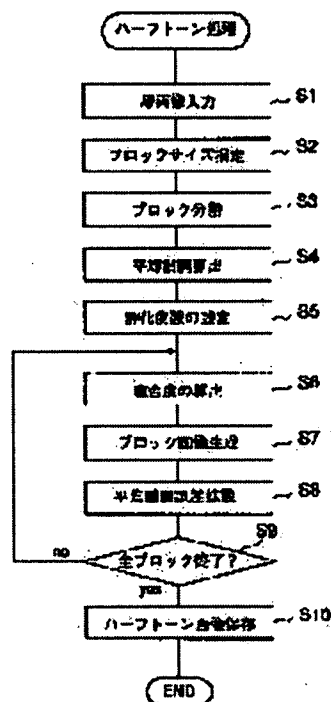
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(54) HALF TONE PROCESSOR, AND MEDIUM HAVING STORED ITS PROCEDURE

(57)Abstract:

PROBLEM TO BE SOLVED: To provide a half tone processor which can get a high-quality half tone image high in reproducibility, and can finish the processing in a short time, and a medium having recorded its procedure.

SOLUTION: These are a half tone processor consisting of a block dividing means, which divides a input image into blocks consisting of specified size of picture elements, an adaptation computing means which makes the picture element of each block a vector and compares this with a code word to serve as a candidate of conversion and computes the adaptation, an image generating means which generates an image in the block, based on the code word where the adaptation is maximum, an error diffusing means which diffuses the average stratum error of the block to the neighboring block of a block being processed thereafter, and a storage medium having recorded its procedure.



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